

Urban ecological analysis of local geosystems on the example of the city of Kazan

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Abstract

© SGEM2017. From year to year cities are becoming the environment of constantly increasing number of people. The recent growth of special interest to studying the problems of urban environment and storing all possible information concerning the adaptation of flora and fauna to existing in tense contact with man prompted the appearance of a specific scientific aspect in modern geourban studies dealing with exploration of the development of various territories with urbanized landscapes. There have been determined territorial fauna complexes of the city of Kazan according to the level of demographic situation, the in depth economic transformations of the area and the character of distribution of ontofauna, which differ due to their ecologo-faunistic peculiarities. Basing on the ratio of the squares of geosystems of different measurements and functional purposes, shaping the special areal and differing in their quality characteristics there has been given the evaluation of the geoecological conditions of geo systems of the local level.

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Keywords

Biotope, Geoecological condition, Geosystem, Ontofauna, Planting vegetation

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